



Screen Door Mesh Replacement

Learn how to replace the mesh on your screen door.

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INTRODUCTION

Save yourself some money by replacing your screen door mesh with this guide. **This guide assumes that you've already removed the old mesh and spline.**



TOOLS:

- [Flathead Screwdriver](#) (1)
- [iFixit Tech Knife](#) (1)
- [Utility Scissors](#) (1)
- [Screen Rolling Tool](#) (1)



PARTS:

- [Fiberglass Screening](#) (1)
- [Screen Spline](#) (1)

Step 1 — Mesh



- Place the screen door on a completely flat surface. Lay the new screen across the frame.
- ⓘ Make sure that the mesh overlaps on all sides of the frame — you want to have a bit of extra material on every side.
- Use tape or clamps along the bottom edge of the screen to keep it taut against the frame.
- ⓘ If the mesh isn't secured properly, it may become uneven or bunched up during the replacement.

Step 2



- Use the convex (pointy) edge of the screen rolling tool to gently push the mesh into the frame channel along the top of the frame. This will create a crease for the spline to be inserted into.

Step 3



- Use a pair of scissors to make a diagonal cut at the corner of the frame. This will give the mesh some "relief", and prevent it from bunching up in the corners.
- ⓘ Make sure to cut only up until the corner of the channel frame. You do not want to accidentally cut a hole in your new mesh.

Step 4



- Start the spline in the top corner by pressing it into the frame channel with your fingers. Don't worry about getting it fully inserted — the screen rolling tool will handle the rest.

Step 5



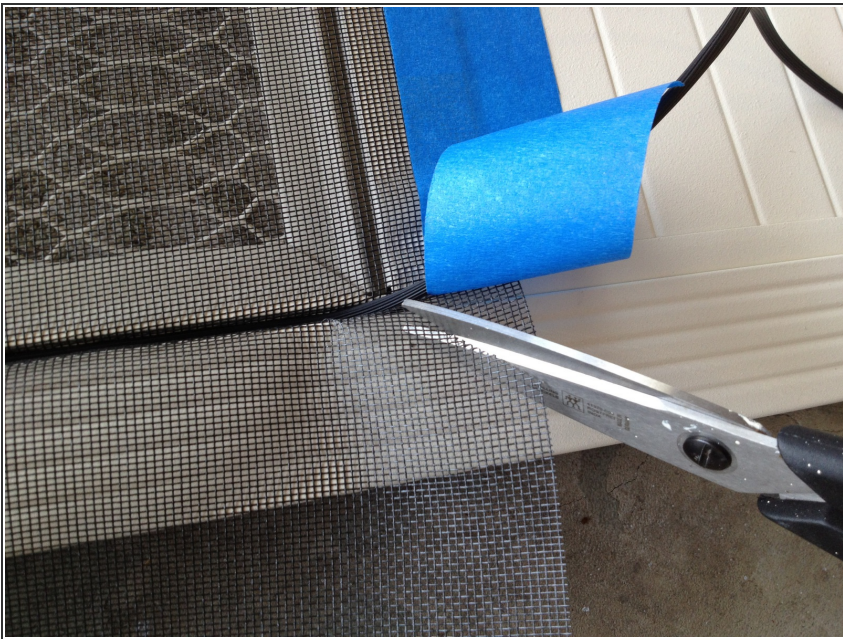
- Use the convex (grooved) edge of the screen rolling tool to press the spline into the frame channel. Make sure to keep the screen taut while doing this.
- ⓘ You may need to roll the tool back and forth over the spline a few times to get the spline properly seated.

Step 6



- When you reach the corner, use your hands to route the spline around the corner.
- ⓘ Make sure that the spline doesn't get bunched up at the corner. It's important for the spline to be taut around the entire frame.

Step 7



- Once you reach the bottom (taped) edge, partially remove the tape to make another diagonal cut in the mesh.

Step 8



- Remove the tape section by section, and continue creasing and pressing the spline into the frame channel.
- Keep working in the same manner until you reach your starting point.

Step 9




- Once you reach your starting point, trim the spline so that it will fit snugly up against the beginning edge of the spline without any overlap.

Step 10



- The screen rolling tool does a great job of getting the spline into the frame channel, but it doesn't always get the spline fully inserted. Carefully use a flathead screwdriver to push the spline into the frame channel until it is snug.

 Take your time with this, because an improperly inserted spline may cause the screen to become slack—or a slip with the screwdriver can introduce a hole to your new mesh.

Step 11



- Carefully use a utility knife to trim the excess mesh around the frame. You can use the outer edge of the channel and spline as a guide to get a straight, clean cut.

To reassemble your device, follow these instructions in reverse order.

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